

Title (en)

NUCLEIC ACID PROBES, BROAD-RANGE PRIMERS, AND METHODS IN WHICH THEY ARE USED

Title (de)

NUKLEINSÄURESONDEN, BREITBAND-PRIMER SOWIE VERFAHREN MIT VERWENDUNG DAVON

Title (fr)

SONDES D'ACIDE NUCLEIQUE, AMORCES A LARGE SPECTRE ET PROCEDE DANS LESQUELS ELLES SONT UTILISEES

Publication

**EP 1694861 A2 20060830 (EN)**

Application

**EP 04805171 A 20041217**

Priority

- FI 2004000776 W 20041217
- FI 20031867 A 20031219

Abstract (en)

[origin: WO2005059156A2] The invention relates to nucleic acid probes and to broad-range primers that are useful in the identification of bacterial species and the diagnosis of bacterial infections. Especially, the invention relates to specific nucleic acid probes that originate from hyper-variable regions situated near the conserved sequences of the gene for RNA polymerase beta subunit, rpoB (DNA directed RNA polymerase subunit B) of infection-causing bacteria. The invention also relates to broad-range primers originating from the conserved regions of rpoB genes. In addition, the invention relates to the use of these nucleic acid probes and broad-range primers in the diagnosis of bacterial infections as well as to diagnostic methods in which these nucleic acid probes and broad-range primers are used.

IPC 8 full level

**C12Q 1/68** (2006.01); **C12N 15/11** (2006.01)

IPC 8 main group level

**C12N** (2006.01); **C12Q** (2006.01)

CPC (source: EP US)

**C12Q 1/689** (2013.01 - EP US)

Citation (search report)

See references of WO 2005059156A2

Cited by

EP2862942A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005059156 A2 20050630; WO 2005059156 A3 20050909**; CA 2550192 A1 20050630; EP 1694861 A2 20060830; FI 115637 B 20050615; FI 20031867 A0 20031219; JP 2007514432 A 20070607; US 2007243530 A1 20071018

DOCDB simple family (application)

**FI 2004000776 W 20041217**; CA 2550192 A 20041217; EP 04805171 A 20041217; FI 20031867 A 20031219; JP 2006544477 A 20041217; US 58332904 A 20041217